



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090499-B

Mode: Highway

Status: Submitted

US-17 BUS (Market Street)

From/Cross Street: Colonial Drive

Specific Improvement Type: 11 - Access Management

To: SR 1272 (New Centre Drive)

Project Category: Regional Impact

Length: 1.92

TIP#: U-4902B

Fully Funded in Draft STIP? No

Cost to NCDOT: \$3,375,000

Description:

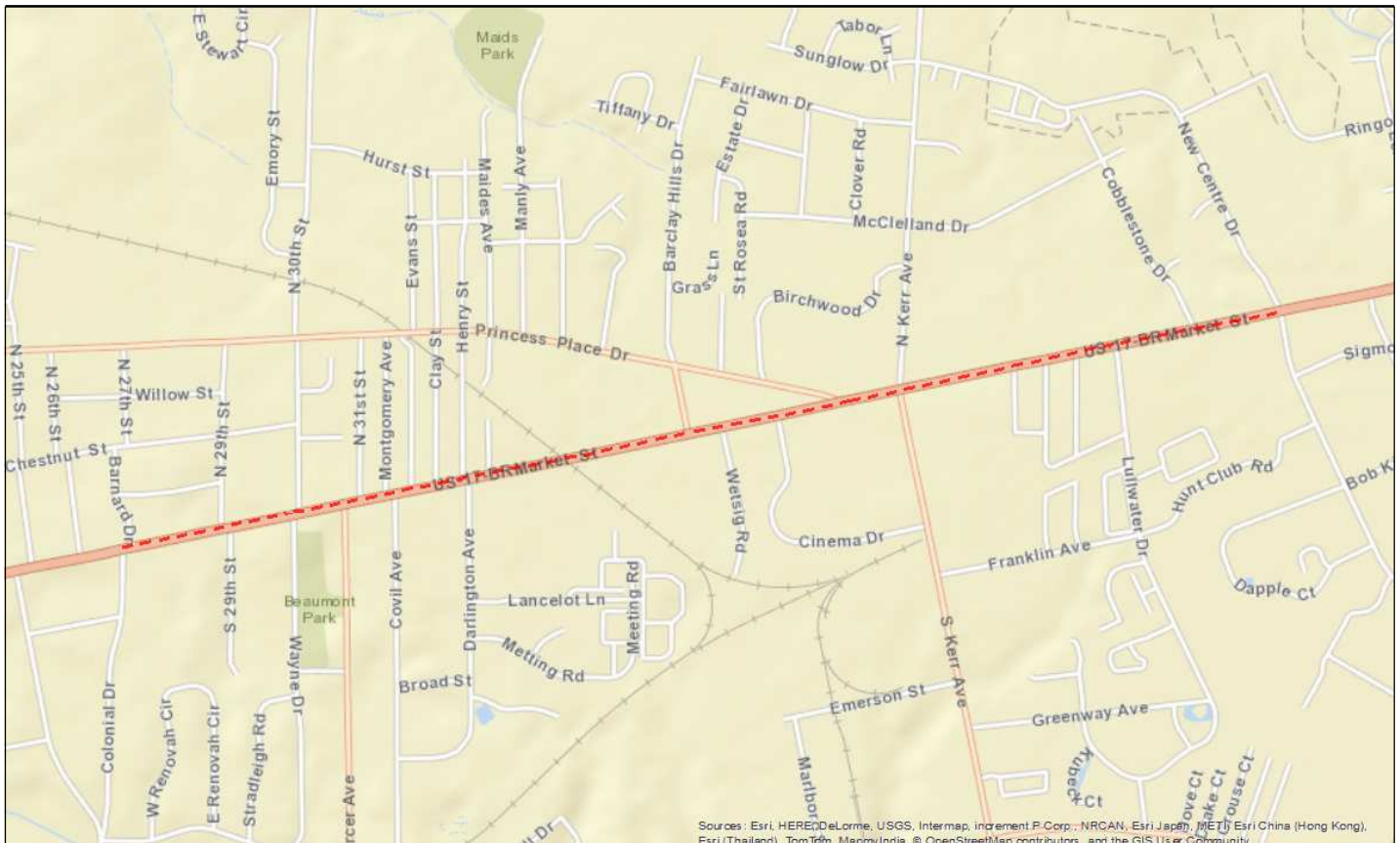
Construct Access Management Improvements

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 57.54

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 91.63	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 4.73	Points: 100	Points: 100
[Travel Time] Benefit/Cost (20%) 17.25		
Totals: Weight: 70% Weighted Score: 27.54		

Division Needs Total Score: 83.6

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 74.01	Percent: 25%	Percent: 25%
Safety (20%) 91.63	Points: 100	Points: 100
Multimodal + [Freight & Military] (10%) 4.73		
Totals: Weight: 50% Weighted Score: 33.6		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	40
Length (miles):	1.92
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	32279.26
Capacity:	31700
Volume/Capacity Ratio:	1.02
% Autos:	97%
% Trucks:	3%
Truck Volume:	946.7
Crash Density:	99.84
Crash Severity:	75.22
Critical Crash Rate:	99.84
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	48
Actual Congested Speed:	29.77
Travel Time Index:	1.33

Project Benefits

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	40
Length (miles):	1.92
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2614585.09
Travel Time Savings for 30 Years (Autos):	2537903.07
Travel Time Savings for 30 Years (Trucks):	76682.02
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$3,250,000	TIP Unit
Right-of-Way Cost:	\$125,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$3,375,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$3,375,000	